

said angle between said predominant fiber orientation and the longer side of said panel being between about 55° to 75°; and

approximately one-half of said reinforcing layers of said panel forming a + positive angle between about 55° to 75°, and approximately one-half of said reinforcing layers forming a negative angle between about 55° to 75°, with respect to said longer side of said panel, wherein said panel, when mounted in said vessel wall, is laterally loaded by fluid pressure.

D<sup>1</sup> 11 (currently amended). A panel as recited in claim 10 wherein said positive angle is about positive 58° to 65° and said negative angle is about minus 58° to 65° ~~±58-65°~~.

D<sup>2</sup> 12 (currently amended). A panel as recited in claim 10 wherein said positive angle is about positive 60° and said negative angle is about minus 60° ~~±60°~~.

13 (original). A panel as recited in claim 10 wherein said at least two reinforcement layers comprise 60-100% of the thickness of said panel.

D<sup>3</sup> 14 (currently amended). A panel as recited in claim 10 wherein at least two of said layers, at least one of which has fibers with a + positive orientation and at least one of which has a negative orientation, are stitched together to form a multi-axial reinforcement.

15 (original). A panel as recited in claim 14 wherein about 70-100% of the thickness of said panel is formed by multi-axial reinforcements.

16 (original). A panel as recited in claim 10 wherein said fibers of said at least two layers of said panel consist essentially of E-glass fibers.

17 (original). A panel as recited in claim 10 wherein said fibers of said panel comprise primarily E-glass fibers.

18 (currently amended). A panel as recited in claim 11 wherein at least two of said layers, at least one of which has fibers with a + positive orientation and at least one of which has a negative orientation, are stitched together to form a multi-axial reinforcement.

19 (currently amended). A panel as recited in claim 12 wherein at least two of said layers, at least one of which has fibers with a + positive orientation and at least one of which has a negative orientation, are stitched together to form a multi-axial reinforcement.

20 (original). A panel as recited in claim 19 wherein about 70-100% of the thickness of said panel is formed by multi-axial reinforcements.

21(original). A panel as recited in claim 18 wherein about 70-100% of the thickness of said panel is formed by multi-axial reinforcements.

22 (original). A panel as recited in claim 11 wherein said fibers of said at least two layers of said panel consist essentially of E-glass fibers.

23 (original). A panel as recited in claim 22 wherein said at least two reinforcement layers comprise 60-100% of the thickness of said panel.

24-29 (cancelled in view of restriction requirement).

Add new claim 30 as follows: